

Aerospace and Manufacturing

Center for Advanced Composites Manufacturing and Engineering

(New center July 1990)

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<u>Overview</u>	<u>Technologies</u>	<u>Status</u>	<u>Economic Impact</u>
Current State Contract \$50,000	*Basic composite manufacturing methods:	*Offered three technician training classes to college students (8 students placed in Utah companies).	*Created 3 new companies: -Pro Design Corporation -Fiber Dynamics -Haelan
Matching Funds \$133,803	-filament winding	Utah companies have developed active working relationships with center.	*UV testing on product helped Vectra Plastics (a Utah company) secure a major contract and reach previous year's sales by June of this year.
Industry Jobs Created 10	-lay-up/laminating		*Received contract from Tooele Army Depot and identified appropriate repair procedures for Army vehicles.
Center Related Jobs 7	-resin transfer molding (RTM)		*Study underway with Thiokol to develop machining of composites
	-spray up		
	-molding		
Benefiting Utah Companies 9	-resin technology		
Pro Design Corp. - Orem	-fibers		
Fiber Dynamics - Murray	-ceramic composites		
Haelan - Salt Lake City	-metal matrix composites		
(plus 25 other Utah companies that are members of a consortium)	-automated manufacturing repair/logistics		
Patents Applied 1			
Patents Issued --			
License Agreements --			